

PATENT SPECIFICATION

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DRAWINGS ATTACHED

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(54) IMPROVEMENTS RELATING TO PACKAGES

- (71) We, INTERPAT S.A. a Company organised under the laws of Luxembourg of 11 Boulevard du Prince Henri, Luxembourg, do hereby declare the invention, for which we pray that a Patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following statement:—
- This invention relates to improvements in packages, particularly to made up pre-formed packages for displaying and containing goods and having a transparency so that the contents can be seen.
- It is known to have packages for containing and displaying the contents. A well known type and method employed is to have a moulded "bulbous" open container made from a transparent plastics material, to place goods in the container and then to heat seal or otherwise attach the container with the goods on to a cardboard. This has many practical advantages in being able to offer goods for sale with the contents being seen and the cards can be suspended so that a number containing say different sizes or different products can be exhibited. The goods can include a large variety and has been used for say nails, screws, hooks and other hardware. There are disadvantages which the present invention seeks to overcome. For instance, to open the container it is generally necessary to force open or destroy the plastic container so that it is of no real use again and even cannot be used for retaining any unused contents. Another disadvantage is that the packing of the contents is done during the course of manufacture of the package. Another disadvantage is that considerable space is taken up for the transportation of the completed packages.
- It is also known to provide a "bubble-pack" for merchandise which comprises an envelope with its front and rear walls formed with an aperture, like two apertures being aligned, a bubble secured in the aperture in the front wall, and a slide located within the envelope having a tab projecting from between the front and rear walls, the slide being movable, by means of the tab.
- The present invention consists of a display package having a transparent "blister" type of container in which the "blister" is made from transparent material mounted on a cardboard base, said base having an opening in a position under the container, a groove being formed by overlapping areas of the container and the base adapted to receive a card to cover said opening, the card being slidable in the said groove.
- Thus, the present invention will provide a package fulfilling all the advantages of the known type of "blister" package but will enable the container to be opened by sliding the card and thus enabling the contents to be used as required without damage to the package. The card can be slid back into the closed position. It has an advantage inasmuch that by removal of the sliding card, the empty containers can be "nested" for travelling. Another advantage is that the containers can be filled at any desired stage, for instance, by a wholesaler or by a retailer. If desired, sealing means may be provided which would have to be broken for the first sliding of the card but the sealing means would not involve damage to the package.
- An illustration of an example of the package is shown in the accompanying drawing in which:
- Figure 1 is a front elevation view of a complete package, the sliding panel being illustrated in broken lines,
- Figure 2 is a side elevation sectional view taken on the line A—A of Figure 1, and
- Figure 3 is a cross sectional view on the line B—B of Figure 1.
- The package has a flat cardboard base C which may be rectangular in shape and in which is an opening D which may also be rectangular in shape. To this base is attached a pre-moulded transparent bulbous container E which is heat sealed or otherwise attached

along its bottom and two sides as indicated in Figure 1 by the cross-hatching F leaving a portion of the top part unsealed. In manufacture the container E is provided with a bevel edge so that when it is attached to the base it forms a groove G therewith. At this stage there is an open base with a container into which goods may be placed. For sealing the contents there is provided a cover-card H shown in broken lines and this is slid across the opening D by sliding in the groove G. Holes I may be provided in both the base C and the cover H so that they correspond when the package is closed and a seal may be placed through the holes for the purpose of indicating if the package has been opened and for keeping the package normally closed. In addition, the holes provide a means for suspending the package for the sale of the goods.

It may be arranged that with the cover H removed, the base and the container of a number may be stacked or nested together, thus taking less room in transportation and enabling the containers to be filled and sealed at any convenient place or time.

The form shown is a simple rectangular shape but variations can be made. The hole D may be varied in size. It may be arranged that the cover may be moved a restricted distance to enable only a measured quantity of the contents to be removed at a time. For instance, medicines in the form of tablets could be placed in the container and an opening or slot arranged in the cover for only one tablet to come out at one opening, when the cover has been moved into a suitable position.

The cover H may be made of any convenient material and may be of transparent plastics material.

Tabs may be provided on the cover H for assisting in the opening. The sizes may be varied and the usual printing may be made on the base or on the container.

It will be appreciated that with normal use the package can be re-used if desired.

WHAT WE CLAIM IS:—

1. A display package having a transparent "blister" type of container in which the "blister" is made from transparent material mounted on a cardboard base, said base having an opening in a position under the container, a groove being formed by overlapping areas of the container and the base adapted to receive a card to cover said opening, the card being slidable in the said groove.

2. A display package as claimed in Claim 1 in which the card is removable from a position over the opening or removable from the base and blister.

3. A display package as claimed in Claim 1 or 2 having a hole provided in both the base and the sliding card external to the blister, the said holes being arranged so that they correspond to each other when the package is in its closed position.

4. A display package as claimed in Claim 3 in which the card and the container are sealed in their closed position so that the seal must be broken for the normal opening of the package.

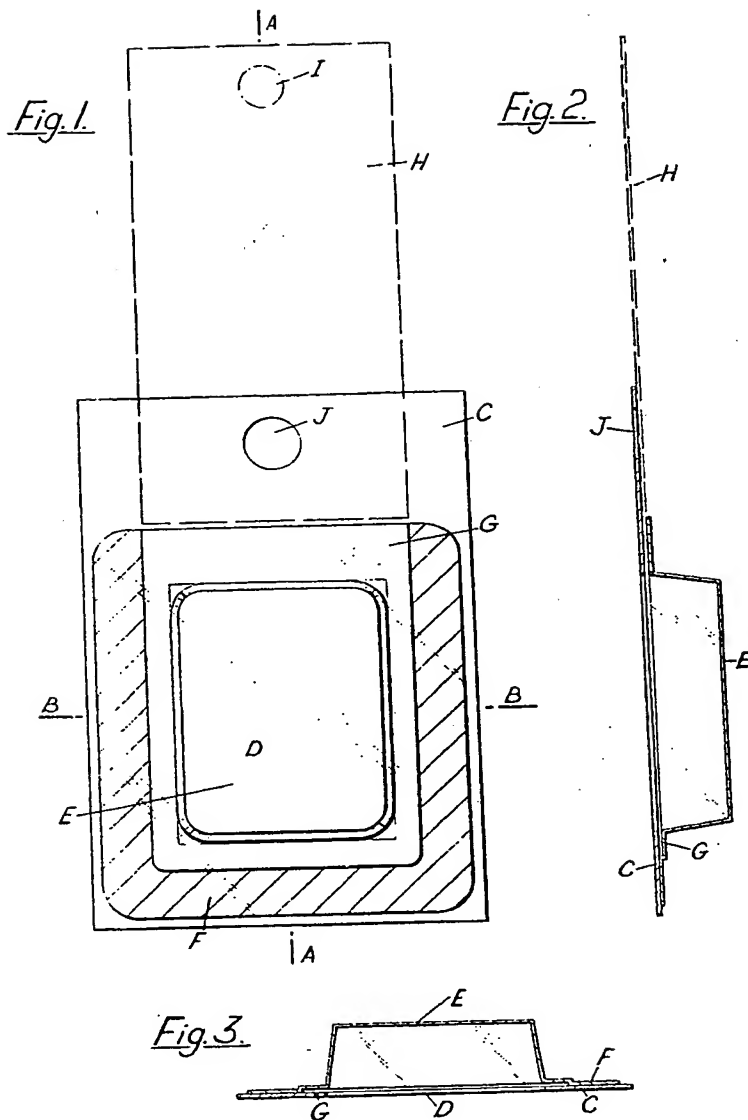
5. A display package as claimed in any of the preceding Claims in which an opening or slot is arranged in the card, the said opening or slot being adapted to be moved into position upon movement of the card to allow removal or controlled removal of the contents.

6. A display package as claimed in any of the preceding Claims having a tab on the card for the purpose of assisting in the movement.

7. A display package as claimed in any one of the preceding Claims arranged so that a plurality of identical packages minus the cover card will nest together.

8. A display package substantially as hereinbefore described with reference to the accompanying drawing.

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